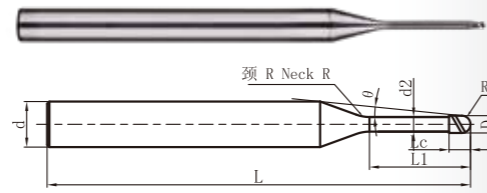


UM-BN2

小径深加工2刃球头立铣刀
2 flute, ball nose endmill for small diameter & machining



订货号 Ordering Code	外径 (D) Mill Dia.	球半径 (R) Ball Radius	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
										0.5°	1°	1.5°	2°	3°	
										UM-BN2-11100	1.1	0.55	10	0.88	
UM-BN2-12040	1.2	0.6	4	0.96	1.15	50	4	4	9.05	4.22	4.4	4.55	4.7	5.04	●
UM-BN2-12080			8			6.25			8.41	8.7	8.99	9.3	10.01	●	
UM-BN2-12100			10			5.41			10.49	10.84	11.21	11.6	12.5	●	
UM-BN2-12120	1.4	0.7	12	1.12	1.34	55	4	4	4.77	12.56	12.97	13.42	13.9	14.98	●
UM-BN2-14080			8			6.04			8.38	8.66	8.95	9.26	9.96	●	
UM-BN2-14120			12			4.56			12.53	12.94	13.38	13.86	14.93	●	
UM-BN2-14160	1.5	0.75	16	1.2	1.44	55	4	4	3.67	16.66	17.22	17.82	18.46	19.9	●
UM-BN2-15040			4			8.82			4.2	4.36	4.51	4.65	4.97	●	
UM-BN2-15060			6			7.08			6.29	6.52	6.73	6.95	7.46	●	
UM-BN2-15080	1.6	0.8	8	1.28	1.54	50	4	4	5.92	8.38	8.66	8.95	9.25	9.94	●
UM-BN2-15100			10			5.08			10.46	10.8	11.16	11.55	12.43	●	
UM-BN2-15120			12			4.45			12.53	12.94	13.38	13.85	14.92	●	
UM-BN2-15140	1.8	0.9	14	1.44	1.73	55	4	4	3.96	14.6	15.08	15.6	16.15	17.4	●
UM-BN2-15160			16			3.57			16.66	17.22	17.81	18.45	19.89	●	
UM-BN2-15180			18			3.25			18.73	19.36	20.03	20.75	22.38	●	
UM-BN2-15200	2	1	20	1.6	1.92	60	4	4	2.98	20.8	21.5	22.25	23.05	-	●
UM-BN2-16080			8			5.8			8.38	8.66	8.94	9.25	9.93	●	
UM-BN2-16120			12			4.34			12.53	12.94	13.37	13.85	14.9	●	
UM-BN2-16160	2.5	1.25	16	2	2.4	55	4	4	3.47	16.66	17.21	17.81	18.44	19.88	●
UM-BN2-16200			20			2.89			20.8	21.49	22.24	23.04	-	●	
UM-BN2-18080			8			5.55			8.36	8.63	8.91	9.21	9.88	●	
UM-BN2-18120	2	1	12	1.6	1.92	55	4	4	4.11	12.5	12.91	13.34	13.81	14.85	●
UM-BN2-18160			16			3.26			16.64	17.19	17.77	18.41	19.83	●	
UM-BN2-18200			20			2.7			20.77	21.46	22.21	23.01	-	●	
UM-BN2-20030	2.5	1.25	3	2	2.4	50	4	4	9.72	3.11	3.22	3.32	3.42	3.62	●
UM-BN2-20040			4			8.32			4.16	4.31	4.44	4.57	4.86	●	
UM-BN2-20060			6			6.46			6.26	6.46	6.66	6.87	7.35	●	
UM-BN2-20080	6	3	8	6	7.2	50	6	4	5.27	8.34	8.6	8.88	9.17	9.84	●
UM-BN2-20100			10			4.46			10.41	10.74	11.09	11.47	12.32	●	
UM-BN2-20120			12			3.86			12.48	12.88	13.31	13.77	14.81	●	
UM-BN2-20130	2	1	13	1.6	1.92	55	4	4	3.62	13.51	13.95	14.42	14.92	16.05	●
UM-BN2-20140			14			3.4			14.55	15.02	15.53	16.07	17.29	●	
UM-BN2-20160			16			3.04			16.62	17.16	17.74	18.37	19.78	●	
UM-BN2-20180	2.5	1.25	18	2	2.4	60	4	4	2.75	18.68	19.3	19.96	20.67	-	●
UM-BN2-20200			20			2.51			20.75	21.44	22.18	22.97	-	●	
UM-BN2-20220			22			2.31			22.82	23.58	24.39	25.27	-	●	
UM-BN2-20250	6	3	25	6	7.2	65	6	4	2.06	25.92	26.79	27.72	28.72	-	●
UM-BN2-20300			30			1.75			31.09	32.14	33.26	-	-	●	
UM-BN2-20350			35			1.52			36.26	37.48	38.8	-	-	●	
UM-BN2-20400	2.5	1.25	40	2	2.4	80	4	4	1.34	41.42	42.83	-	-	-	●
UM-BN2-25060			6			5.62			6.22	6.41	6.6	6.8	7.25	●	
UM-BN2-25100			10			3.69			10.37	10.69	11.03	11.4	12.23	●	

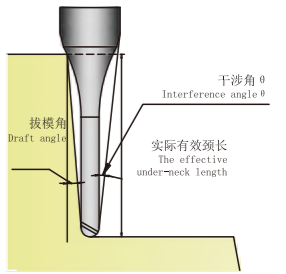
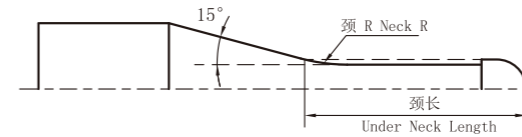
● 标准库存 Stock ○ 需预定 Available Upon Order

推荐切削参数P169/P175

球半径R	公差 Tol.
R ≤ 0.25	±0.003
R > 0.25	±0.005 (mm)

UM-BN2

小径深加工2刃球头立铣刀
2 flute, ball nose endmill for small diameter & machining



订货号 Ordering Code	外径 (D) Mill Dia.	球半径 (R) Ball Radius	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
										0.5°	1°	1.5°	2°	3°	
										UM-BN2-25150	2.5	1.25	15	2	
UM-BN2-25200	20	1.99	20.71	21.39	22.12	-	-	●							
UM-BN2-25250	25	1.62	25.88	26.74	27.66	-	-	●							
UM-BN2-25300	3	1.5	30	2.4	2.88	50	6	4	1.36	31.05	32.09	-	-	-	●
UM-BN2-30080			8			7.04			8.27	8.51	8.77	9.04	9.65	●	
UM-BN2-30100			10			6.05			10.34	10.65	10.98	11.34	12.14	●	
UM-BN2-30130	3.5	1.75	13	2.8	3.36	50	6	4	5	13.44	13.86	14.31	14.79	15.87	●
UM-BN2-30160			16			4.26			16.55	17.07	17.63	18.24	19.6	●	
UM-BN2-30200			20			3.56			20.68	21.35	22.07	22.84	24.57	●	
UM-BN2-30250	4	2	25	3.2	3.86	50	6	4	2.95	25.85	26.7	27.61	28.59	-	●
UM-BN2-30300			30			2.52			31.02	32.05	33.15	34.34	-	●	
UM-BN2-30350			35			2.2			36.19	37.39	38.69	40.08	-	●	
UM-BN2-35150	4	2	15	3.2	3.86	50	6	4	3.99	15.49	15.96	16.48	17.03	18.27	●
UM-BN2-35250			25			2.56			25.82	26.66	27.56	28.53	-	●	
UM-BN2-36350			35			1.89			36.16	37.36	38.64	-	-	●	
UM-BN2-35450	5	2.5	45	4	4.85	50	6	4	1.5	46.5	48.05	-	-	-	●
UM-BN2-40100			10			4.86			10.31	10.6	10.91	11.24	11.99	●	
UM-BN2-40130			13			3.88			13.41	13.81	14.23	14.69	15.72	●	
UM-BN2-40160	4	2	16	3.2	3.86	50	6	4	3.23	16.51	17.02	17.56	18.14	19.45	●
UM-BN2-40200			20			2.63			20.65	21.3	21.99	22.74	-	●	
UM-BN2-40250			25			2.14			25.81	26.64	27.53	28.49	-	●	
UM-BN2-40300	2.5	1.25	30	6	7.2	50	6	4	1.81	30.98	31.99	33.08	-	-	●
UM-BN2-40350			35			1.56			36.15	37.34	38.62	-	-	●	
UM-BN2-40400			40			1.38			41.32	42.69	-	-	-	●	
UM-BN2-40450	6	3	45	6	5.85	50	6	-	1.23	46.49	48.04	-	-	-	●
UM-BN2-40500			50			1.11			51.66	53.39	-	-	-	●	
UM-BN2-50200			20			1.48			20.62	21.25	-	-	-	●	
UM-BN2-50250	6	3	25	6	7.2	50	6	-	1.18	25.79	26.6	-	-	-	●
UM-BN2-50300			30			0.98			30.96	-	-	-	-	●	
UM-BN2-50400			40			0.73			41.29	-	-	-	-	●	
UM-BN2-60120	2.5	1.25	12	2	2.4	50	4	4	-	-	-	-	-	-	●
UM-BN2-60200			20			-			-	-	-	-	-	●	
UM-BN2-60300			30			-			-	-	-	-	-	●	
UM-BN2-60500	6	3	50	6	5.85	55	6	-	-	-	-	-	-	-	●

● 标准库存 Stock ○ 需预定 Available Upon Order

推荐切削参数P170/P175

球半径R	公差 Tol.
R ≤ 0.25	±0.003
R > 0.25	±0.005 (mm)